

REMARKS

This Amendment is being filed to correct a minor typographical error in the Abstract.

Consideration and favorable action are respectfully requested.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

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MARKED-UP VERSION OF REPLACEMENT PARAGRAPHS

Replacement paragraph for the paragraph beginning at Page 24, Line 4 and ending at Page 24, Line 11:

An apparatus for measuring concentration of a material in a process fluid includes an antenna configured to contact the process fluid and a pulse generator coupled to ~~configure~~ the antenna to generate a microwave transmit pulse through the antenna. A pulse receiver receives a reflected pulse from the antenna and the concentration of the material is calculated as a function of the reflected pulse.